

**MISSISSIPPI DEPARTMENT OF ENVIRONMENTAL QUALITY**

Office of Land and Water Resources

P. O. Box 10631  
Jackson, MS 39289-0631  
**WATER WELL DRILLERS LOG**

COUNTY WELL LOCATED <b>MADISON</b>	
WELL NUMBER <b>W-169</b>	CODED
DATE WELL COMPLETED <b>4-87</b>	

PERMIT NUMBER <b>MSBW-543</b>
NAME OF DRILLING FIRM <b>HERNDON WELL &amp; SUPPLY</b>

NAME & MAILING ADDRESS OF LANDOWNER <b>CITY OF RIDGELAND</b>			
P.O. BOX 217 RIDGELAND, MS. 39158			
Latitude: <b>39158</b>		Longitude:	
WELL LOCATION <b>30 (S)</b>	SEC <b>7</b>	TOWNSHIP <b>(N)</b>	RANGE <b>2 (W)</b>
DISTANCE	DIRECTION	NEAREST TOWN	
Miles _____ of <b>RIDGELAND</b>			
OTHER LANDMARK			
WELL PURPOSE: Home, Irrigation (Municipal), Industrial, Fish Pond, etc. <b>NEW WELL</b>			

PUMP DATA		
PUMP TYPE (Circle One): Submersible, ( Turbine, ) Jet <input type="checkbox"/> Flowing Well, Other (Describe) _____		
POWER TYPE (Circle One): (Electric, ) Tractor, Diesel, Gasoline, Butane, Other (Describe) _____	H/P <b>150</b>	
DESCRIPTION OF FORMATIONS ENCOUNTERED	FROM	TO
YELLOW CLAY	0	20
BLUE CLAY	20	375
ROCK	375	376
SANDY SHALE	376	380
SAND & SHELL	380	420
SAND SHELL & CLAY	420	440
SANDY CLAY	440	500
SAND	500	540
SANDY CLAY & SHALE	540	600
SAND	600	740
CLAY	740	760
SANDY CLAY	760	800
CLAY	800	860
ROCK	860	865
CLAY & ROCK	865	880
CLAY	880	900
ROCK	900	915
CLAY & SAND	915	980
SANDY CLAY & SHALE	980	1000
SAND	1000	1160
SAND & CLAY	1160	1220
CLAY	1220	1260
Top of Lap Pipe or Reduction in Casing		
<b>992</b>	<b>FEET</b>	IF TELESCOPED OR MORE THAN ONE SCREEN: USE BACK PAGE

WELL DATA		
Well Depth <b>1153</b>	Casing Diameter (In.) <b>16"</b>	Casing Length (Ft.) <b>1072'</b>
Type of Casing <b>API 5LB STEEL</b>	Hole Depth <b>260'</b>	Depth to Static Water Level
TYPE OF COMPLETION: (Circle One or More): <input checked="" type="checkbox"/> Gravel Packed, <input type="checkbox"/> (Underreamed, ) Telescoped, <input type="checkbox"/> Natural Development, <input type="checkbox"/> Open Hole, <input type="checkbox"/> Other (Describe) _____		
WELL GROUTED TO A DEPTH OF <b>1072 FEET</b> Type Grout (circle one): (Cement) Bentonite, or Mix		

SCREEN DATA		
Diameter - Inches <b>10"</b>	Length - Feet <b>80.90</b>	Slot Size - Inches <b>.020</b>
Screen Type <b>JOHNSON SS</b>	Depth to Bottom - Feet <b>115 (3)</b>	

I certify that the well was drilled, constructed and completed in accordance with all applicable Requirements of the Mississippi Department of Environmental Quality and/or the Mississippi Department of Health regulations and state laws.

*Michael E Herndon* 021 **AS**  
Signature of Licensed Driller and License No. **BY: OLWF** 6-24-03 Date

**RECEIVED**

**JUN 30 2003**

Additional Information Required On Back

If well telescopes please sketch and show depths.

GROUND LEVEL


SECTION \_\_\_\_\_

Please indicate well location X.

Pump Capacity (GPM)	No. of Stages	Setting Depth
936	8	372 FT.

PUMP TEST

Well yielded 936 GPM with  
 a drawdown of 65 ft.  
 after \_\_\_\_\_ hours of pumping

LOG DATA

TYPE OF LOG RUN (Circle One):  No Log Run.  
 (Electric)  (Gamma Ray.)  Density,  Sonic,  Neutron,  
 Other (Describe) \_\_\_\_\_

Name of Organization Running Log

STATE

GEOLOGIC DATA (Office Use Only)

Surface Elev.	Geologic Unit	Unit Thickness	Depth to Top
Subs. SWL	Date	Analysis	Aquifer Test

Driller's Remarks

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If more than one screen,  
 show location of each on sketch.